

REPORT

DATE DISTR. 9 July 1948

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SUPPLEMENT TO
REPORT

50X1-HUM

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THIS IS UNEVALUATED INFORMATION FOR THE RESEARCH
USE OF TRAINED INTELLIGENCE ANALYSTS 50X1-HUM

Amplifier and Transmitter Tubes

10 "Aufbauten"
3 "
5 " , Model A
25 "
6 "Aufbauten" for 2 cathode
experiments
20 "Aufbauten"
50 pieces
100 "Aufbauten"
20 pieces
10 pieces
Single parts according to
order

10 "Aufbauten"
20 "
5 "
80 "
15 pieces
25 "
30 "Aufbauten"
17 pieces
4 pieces
25 "Aufbauten"
5 pieces
25 "Aufbauten"
5 pieces
15 "Aufbauten"
5 pieces
6 "Aufbauten" (redesigned)
10 pieces
12 "Aufbauten"
4 pieces

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Discharge Tubes

OSW 2452 (HBO 510)	10 "Aufbauten"
OSW 2525 (HBO 2011)	10 "
OSW 2564 (XJE 10)	10 "
OSW 2523 (HBO 500)	40 pieces
OSW 2524 (HBO 2000)	15 pieces
OSW 2498 (XJE 3000)	15 pieces (including 10 tubes of April quota)
OSW 2499 (HERT)	40 pieces
OSW HJE 50	5 "

Spectroscopic Tubes

OSW 2530 (KAE 18)	10 "Aufbauten"
OSW 2531 (RE)	10 "
OSW 2528 (HGE 50)	15 pieces
OSW 2533 (NEE 40)	20 "
OSW 2534 (T1)	20 "

Stabilizer and Rectifier Tubes

OSW 2447 (125 V)	50 "Aufbauten"
OSW 2450 (150 V)	30 "
OSW 2549	20 "

2. Delivery Plan for Tube Production in May 1948Rectifier Tubes

N 190/10	18 pieces
N 280/10	2 "
N 190/20	10 "
N 280/20	10 "
N 280/40	10 "
S 1/0,2 IIIa (6.3 Volt)	30 "
OSW 2032 (J 1/3500/150)	15 "
S 0,8/2 1 III	1 " (from parts in stock)

X-Ray Tubes

DEW 200/20	20 pieces
EW 190/8	10 "

"Pulvertrockensicherungen"

Stamping disk (Pressteller) according to Sketch R 1394	1000 pieces
	300 pieces

Amplifier Tubes

OSW 2190	5000 pieces
OSW 2192	1700 pieces
OSW 2587 ("Ausfall OSW 2190")	100 pieces
OSW 2590 ("Ausfall OSW 2192")	100 pieces

Metal Ceramic Tubes

OSW 2008	100 pieces
OSW 2006	150 pieces

Bolometers and Measuring Tubes

OSW 2090	20 pieces
OSW 2519	30 pieces
OSW 2520	30 pieces
OSW 2183	75 pieces

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Stabilizer Tubes

STV 150/20	50 pieces
STV 280/80	55 "

3. Plan for Instrument Production for May 1948

Capacity Potentiometer OSW 2485	1 piece
Wavemeter OSW 2038b	2 pieces
Measuring Circuit 2.3.....4 cm OSW 2051	2 pieces
Emission Meter Table OSW 2469	1 piece
Universal Meter Table OSW 2506	1 piece

4. Development Projects for 1948

On 26 April 1948, Major Olenin gave notice that the technical requirements for the following projects had been confirmed after consultations in Russia:

<u>Project Number</u>	<u>Subject</u>	<u>Names of Researchers</u>
35	Cathode ray tube OSW 2067, 50,000 km/s	Beyer/Dr. Hachenberg
42	5000 W mercuric high pressure lamp, Type OSW 2454	Thouret/Ittig
44-1	Mercuric high pressure burner for 110 V, for "Mischlichtlampe"	Thouret/Ittig
44-2	Mercuric high pressure burner for 110 V, for "Ultravitaluxlampe"	Thouret/Ittig
49-1	Stabilizer for 125 V	Dr. Straehler/Stock
49-2	Stabilizer for 150 V	Dr. Straehler/Stock
57	Measuring equipment for thermal grid currents	Dr. Certel/Siupka
60	Smelting machine for tubes of luminous materials	Lorentz/Kaschke
62-2	Heterodyne wavemeter 27.8.....100 cm.	Dr. Bruckmann/Preuss
64-1	Photometric Wattmeter 8.....15 cm.	Dr. Bruckmann/Krischke/ Dr. Schöller
64-2	Photometric wattmeter 12.....25 cm.	Dr. Bruckmann/Krischke/ Dr. Schöller

5. Manufacture of the 6 J 6, the 5 D 21, and the 829 B tubes has been stopped. The reason is that they are now being successfully manufactured in Russia. This is particularly the case with the 5 D 21 and 829 B tubes. The plant formerly engaged in producing these tubes will now be used to increase production of the 6 AG7 and 6 AG7 tubes.
6. Three thousand T.S.41 tubes are to be produced for medical purposes in 1948. The A.E.G. developed this tube from a GEMA version of the American T.S.4, a 5 m. short-wave tube. Sufficient stocks of tungsten-molybdenum wire are available at the works for this program.

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